

**Wivenhoe**  
**Urban District Council.**

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**. REPORT .**

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OF THE  
**Medical Officer of Health**  
**FOR THE YEAR 1903.**

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# WIVENHOE URBAN DISTRICT COUNCIL.



## **Report of the Medical Officer of Health FOR 1903.**



Mr. CHAIRMAN AND GENTLEMEN,

I again beg to present to you my annual report for the year ending 1903, in compliance with the order of the Local Government Board.

For the past year there have been 25 deaths and 46 births. Two of these deaths occurred in public institutions outside the district and are therefore not registered here.

There has been a great decrease of births compared with the previous year, namely, 46 against 83 in 1902.

The ages at which death occurred were as follows :—

Under 1 year	...	...	...	2
Over 1 and under 5	...	...	...	3
Over 5 and under 15	...	...	...	3
Over 15 and under 25	...	...	...	1
Over 25 and under 65	...	...	...	8
Over 65	...	...	...	8

—  
Total 25

Deaths under one year of age are attributable to the following causes :—

- 1 Premature Birth
- 1 Diarrhoea and Convulsions

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Total 2

showing a death rate of 43·4 per 1000 children born.

The other deaths are as follows :

Enteritis	...	...	1
Phthisis	...	...	2
Cancer	...	...	3
Bronchitis	...	...	1
Pneumonia	...	...	1
Heart disease...	...	...	4
Accidents drowning	...	...	1
All other diseases, as Apoplexy, Convulsions, Cerebral Hemorrhage, Diabetes, and old age			10
			Total 23

and 2 before as stated, 25.

The death rate is 10·0 and birth rate 18·4 per 1000 of estimated number of inhabitants.

### INFECTIOUS DISEASES.

There were 38 cases of infectious diseases notified during the year, an increase of 12 over the

previous year, but the zymotic death rate is again nil. The 17 cases of Scarlet Fever were of a very mild form, and 5 of these cases were in one house.

The Diphtheria cases were also of a mild form, and there were 3 cases in one house. In all cases Antitoxin was used with good results. Some of the inhabitants of infected houses, who were not themselves suffering, had Antitoxin as a preventative. This I believe had the effect of curtailing the epidemic. All premises from which infectious diseases, including Phthisis, have been notified during the year, have been thoroughly disinfected by the Sanitary Inspector.

During the year one infectious case, Typhoid, was removed to the Isolation Hospital at Colchester.

The table gives the months in which the cases were reported :—

January	...	9 Diphtheria
„	...	2 Erysipelas
February	...	1 Diphtheria
March	...	1 Erysipelas
May	...	2 Scarlet Fever
June	...	1 Scarlet Fever
July	...	2 Diphtheria
August	...	1 Diphtheria
September	...	1 Typhoid
„	...	1 Erysipelas
October	...	2 Scarlet Fever
November	...	3 Scarlet Fever
December	...	9 Scarlet Fever
„	...	2 Typhoid

Taking into consideration the facts that 5 cases occurred at one house, and 3 in another, the outbreak is not so extensive as the numbers indicate.

### **DAIRIES AND BAKEHOUSES, Etc.**

The Inspector and myself have from time to time visited the Bakehouses, Dairies, Slaughter houses and the houses under the Factory Act, and have found them satisfactory.

### **WATER SUPPLY.**

All the houses are not yet supplied with the Council's Water ; many wells containing merely surface water are still in use. The Council should take immediate steps to close these unsatisfactory sources of supply.

### **SEWAGE.**

The Council discussed plans and specifications for a sewage system, but after considering their financial position at the completion of the water works and the general unprosperous state of the district, they were reluctantly compelled to delay, for the present at any rate, further work in this matter. I much regret that it is not considered practicable to have a proper system of sewage, for such a scheme would undoubtedly be most beneficial to the health of the locality.

**SCAVENGING.**

This is carried on as in my previous reports.

There are now few dead wells, most of them being closed. Pans are extensively used and sanitary dust-bins.

Appended is the Sanitary Inspector's Report, who has carried out his work most satisfactorily.

I have the honour to be, Gentlemen,

Your obedient Servant,

G. PENDER-SMITH.





Wivenhoe Urban District Council.  
TABLE I.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				Total Deaths in Public Institu- tions in the District.	Deaths of Non- residents registered in Public Institu- tions in the District.	Deaths of Residents registered in Public Institu- tions beyond the District.	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number.	Rate*	Under 1 Year of Age		At all Ages.					Number.	Rate.*
				Number.	Rate per 1,000 Births registered	Number.	Rate*					
1893	...	...	...	...	...	...	...	...	...	...	...	...
1894	...	...	...	...	...	...	...	...	...	...	...	...
1895	...	...	...	...	...	...	...	...	...	...	...	...
1896	...	...	...	...	...	...	...	...	...	...	...	...
1897	...	...	...	...	..	...	...	...	...	...	...	...
1898	2700	76	28.1	11	144.7	44	16.2	1	...	...	...	...
1899	2700	64	23.7	5	78	33	12.2	...	...	...	...	...
1900	2900	65	18.9	6	109	38	13.1	1	...	...	...	...
1901	2750	54	19.6	4	74	25	9.9	...	...	...	...	...
1902	2500	83	33.8	6	...	30	12.8	...	...	2	32	...
Averages for years 1892-1901												
1903	2500	46	18.4	2	43.4	23	9.2	...	...	2	25	10.0

\*Rates in columns 4, 8, and 13 calculated per 1,000 of estimated Population.

Area of District in Acres (exclusive of area covered by water)	...	1549	
Total Population at all ages	...	2500	At Census of 1901.
Number of inhabited houses	...	600	
Average number of persons per house	...	4	



# Wivenhoe Urban District Council.

TABLE II.

Year.			Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
			<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>
1893	...	...	...	...	...	...
1894	...	...	...	...	...	...
1895	...	...	...	...	...	...
1896	...	...	...	...	...	...
1897	...	...	...	...	...	...
1898	...	...	2700	76	44	11
1899	...	...	2700	64	33	5
1900	...	...	2900	55	38	6
1901	...	...	2750	54	25	4
1902	...	...	2500	83	32	6
Averages of Years 1893 to 1902.			...	...	...	...
1903	...	...	2500	46	25	2

New Urban District formed in 1898.

## Wivenhoe Urban District Council.

TABLE III.

Cases of Infectious Disease notified during the Year 1903.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							No. OF CASES REMOVED TO HOSPITAL.
	At all Ages.	At Ages—Years.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	
Small-pox ...	...	...	...	...	...	...	...	...
Cholera ...	...	...	...	...	...	...	...	...
Diphtheria ...	13	...	1	10	...	2	...	...
Membranous croup	...	...	...	...	...	...	...	...
Erysipelas ...	5	...	1	...	...	4	...	...
Scarlet Fever ...	17	...	3	10	3	1	...	...
Typhus Fever ...	...	...	...	...	...	...	...	...
Enteric Fever ...	3	...	...	1	...	2	...	...
Relapsing Fever...	...	...	...	...	...	...	...	...
Continued Fever...	...	...	...	...	...	...	...	...
Puerperal Fever...	...	...	...	...	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...
* ...	...	...	...	...	...	...	...	...
Totals ...	38	...	5	21	3	9	...	...

# Wivenhoe Urban District Council.

TABLE IV.

Causes of, and Ages at, Death during Year 1903.

CAUSES OF DEATH.	DEATHS IN OR BELONGING TO WHOLE DISTRICT AT SUBJOINED AGES.							DEATHS IN PUBLIC INSTITU- TIONS.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and up- wards.	
Small-pox ... ..	...	...	...	...	...	...	...	...
Measles ... ..	...	...	...	...	...	...	...	...
Scarlet Fever ... ..	...	...	...	...	...	...	...	...
Whooping-cough ... ..	...	...	...	...	...	...	...	...
Diphtheria&membranous croup ... ..	...	...	...	...	...	...	...	...
Croup ... ..	...	...	...	...	...	...	...	...
Fever - { Typhus	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...
Other continued	...	...	...	...	...	...	...	...
Epidemic influenza ..	...	...	...	...	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...
Diarrhœa... ..	I	I	...	...	...	...	...	...
Enteritis ... ..	I	...	...	I	...	...	...	...
Puerperal Fever... ..	...	...	...	...	...	...	...	...
Erysipelas ... ..	...	...	...	...	...	...	...	...
Other septic diseases ...	...	...	...	...	...	...	...	...
Phthisis ... ..	2	...	...	...	I	I	...	...
Other tubercular diseases	...	...	...	...	...	...	...	...
Cancer, malignant disease	3	...	...	...	...	2	I	...
Bronchitis ... ..	I	...	...	...	...	...	I	...
Pneumonia ... ..	I	...	...	I	...	...	...	...
Pluerisy ... ..	...	...	...	...	...	...	...	...
Other diseases of Res- piratory organs ... ..	...	...	...	...	...	...	...	...
Alcoholism ... ..	...	...	...	...	...	...	...	...
Cirrhosis of liver }	...	...	...	...	...	...	...	...
Venereal diseases ... ..	...	...	...	...	...	...	...	...
Premature birth... ..	I	I	...	...	...	...	...	...
Diseases and accidents of parturition ... ..	...	...	...	...	...	...	...	...
Heart diseases ... ..	4	...	I	...	...	3	...	...
Accidents ... ..	I	...	...	I	...	...	...	...
Suicides ... ..	...	...	...	...	...	...	...	...
All other causes... ..	10	...	2	...	...	2	6	...
All other causes ... ..	25	2	3	3	I	8	8	...



## *Report of the Inspector of Nuisances for 1903.*

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GENTLEMEN,

I beg to present you my Report for the year ending December 31st, 1903.

Complaints received were in respect of nuisances caused by empty Houses, Rough Roads and Streets, and Drains Blocked. The Houses were condemned by the Inspector and the nuisance abated. The detected nuisances were Dead Wells overflowing and defective Cesspits, 61 Cesspits and Privies having been altered and repaired during the year. There are 246 pail closets in use. These pails take four nights to empty; there are 35 dust pits, beside covered iron dust-bins with the pail closets; there are 212 cesspits and 71 dead wells; 621 loads of soil and water have been carted by one horse and two men; 592 orders have been received and booked from January 1st, 1902. On December 31st only 12 orders were on the books not executed.

### **OUTWORKERS.**

These houses have been inspected by the Medical Officer and Sanitary Inspector, also Milk Shops, Dairies, Cowsheds, and Bakehouse, and always been found satisfactory. 118 houses have been connected to the water mains, making a total of 428. Eight houses have been certified before being occupied. The notices served by the Inspector were approved by the Council, 17 for nuisances, 23 for water. Houses have been disinfected as before with Formalin and Izal Disinfectants.

I am, Gentlemen,

Your obedient Servant,

ROBERT HUGH BARRELL.

## Wivenhoe Urban District Council.

Summary of Work done through the Sanitary Inspector in the Urban  
Sanitary District of Wivenhoe during the year ending December  
31st, 1903.

				Total Number for Year.
1.	Complaints received	...	...	5
2.	Nuisances detected without complaint	...	...	28
3.	Nuisances abated	...	...	32
4.	Notices served	...	...	40
5.	Summonses taken out	...	...	0
6.	Convictions	...	...	0
7.	Cottages inspected	...	...	386
8.	Lodging-houses inspected	...	...	0
9.	Slaughter-houses inspected	...	...	1
10.	Bakehouses inspected	...	...	4
11.	Dairies and Milk Shops inspected	...	...	5
12.	Cowsheds inspected	...	...	3
13.	Workshops inspected	...	...	1
14.	Filthy houses cleansed, sec. 46 Public Health Act, 1875	...	...	1
15.	Houses Disinfected	...	...	20
16.	Overcrowding abated	...	...	0
17.	Houses placed in habitable repair	...	...	0
18.	Houses closed	...	...	2
19.	Houses erected 8, re-built 8, shop 1, for which Water "Certificates" were applied	...	...	12
20.	"Certificates" granted	...	...	0
21.	"Certificates" deferred	...	...	0
22.	Wells sunk, or improved supplies of Water afforded	...	...	1
23.	Wells cleansed or repaired	...	...	0
24.	Wells closed	...	...	0
25.	Houses connected with sewers	...	...	0
26.	Houses connected with water mains	...	...	118
27.	Earth, pail, or improved Privies constructed, or existing Privies altered	...	...	61
28.	Privies and W.C's repaired; W.C's supplied with water	...	...	0
29.	Cisterns cleansed, repaired, or covered	...	...	0
30.	Animals improperly kept removed	...	...	0
31.	Samples of water taken for Analysis	...	...	1
32.	Compensation paid for destruction of infected bedding	...	...	0
33.	Seizures of unsound Meat, &c.	...	...	0

